

ZANUSSI

GESCHIRRSPÜLER DISHWASHER

DE 6744



Bedienungsanleitung



Instruction book

Contents

Safety instructions	21	Installation instructions	35
Description of the appliance	22	Fitting under a counter	35
The control panel	22	Levelling	35
Prior to using for the first time	23	Water supply connections	35
Setting the water softener	23	Water inlet hose with safety device	35
Filling with salt	24	Water outlet hose connection	36
Rinse aid	24	Electrical connection	36
In daily use	26	Hints for test centres	37
Loading cutlery and dishes	26		
The lower basket	26		
The cutlery basket	27		
The upper basket	27		
Adjusting the height of the upper basket	27		
Use of detergent	28		
Washing programmes	30		
Starting a washing programme	31		
Maintenance and cleaning	32		
Cleaning the filters	32		
Prolonged periods of non-operation	32		
Frost precautions	32		
Moving the machine	32		
What to do, when...	33		
Service and spare parts	34		

Technical specifications

Dimensions	Width Height with worktop Height without worktop Max depth Max depth with open door	60 cm 85 cm 82 cm 63.5 cm 115.2 cm
Electrical connection: Voltage Overall power Fuse	Information on the electrical connection is given on the rating plate on the inner edge of the dishwasher's door on the right.	
Water supply pressure	Minimum Maximum	50 kPa (0.5 bar) 800 kPa (8 bar)
Capacity		12 place settings



This appliance complies with the following E.E.C. Directives:

- 73/23 or 19.2.73 (Low Voltage Directive) and subsequent modifications;

- 89/336 or 3.5.89 (Electromagnetic Compatibility Directive) and subsequent modifications.

Safety instructions

It is most important that this instruction book should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, or should you move house and leave the appliance, always ensure that the book is left with the appliance in order that the new owner can get to know the functioning of the appliance and the relevant safety information.

This information has been provided in the interest of your safety. You **MUST** read it carefully before installing or using the appliance.

Installation

- Check your dishwasher for any transport damage. Never connect a damaged machine. If your dishwasher is damaged, you should contact your supplier.
- For safety reasons it is dangerous to alter the specifications or attempt to modify this product in any way.
- Any electrical and plumbing work required to install this appliance should be carried out by a qualified and competent person.
- Care must be taken to ensure that the appliance does not stand on the electrical supply cable.
- The sides of the dishwasher must never be drilled to prevent damage to hydraulic components.

Child safety

- This appliance is designed to be operated by adults.
- Children should not be allowed to tamper with the controls or play with the product.
- Packaging parts may be dangerous for children, who could even be suffocated! You should therefore keep all packaging well away from children.
- The water in your dishwasher is not for drinking. Detergent residues may still be present in your machine. Keep children well away from your dishwasher when the door is open.
- Keep all detergents in a safe place out of children's reach.

Your dishwasher in day-to-day use

- Items that are contaminated by petrol, paint, steel or iron debris, corrosive, acidic or alkaline chemicals must not be washed in this dishwasher.
- Under no circumstances should you open the door whilst the appliance is in operation, especially during the washing phase, hot water may escape. However, if the door is opened, a safety device ensures that the machine stops.
- Only use products (detergent, salt and rinse aid) specifically designed for use in dishwashers.
- Long bladed knives stored in an upright position are a potential hazard.
- Long and/or sharp items of cutlery such as carving knives must be positioned horizontally in the upper basket.
- When finishing loading or unloading close the door, as an open door can be a hazard.
- Do not sit or stand on the open door.
- Isolate the appliance from the power supply and turn off the water supply after use.
- This product should be serviced by an authorised service engineer, and only genuine spare parts should be used.

- Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact your local consumer services department. Always insist on genuine spare parts.

Disposal

Dispose of the dishwasher packaging material correctly. All packaging materials can be recycled.

Plastic parts are marked with standard international abbreviations:

>PE< for polyethylene, e.g. sheet wrapping material.
>PS< for polystyrene, e.g. padding material (always CFC-free).

>POM< for polyoxymethylene, e.g. plastic clips.

Cardboard packaging is manufactured from recycled paper and should be deposited in the waste paper collection for recycling.

As and when you cease to use your dishwasher and withdraw it from service, you should render it unserviceable before having it disposed of.

Warning! Children at play could lock themselves in your dishwasher or otherwise endanger their lives. Therefore cut off the power supply cable and make the door closing device unusable to prevent children from being trapped inside.

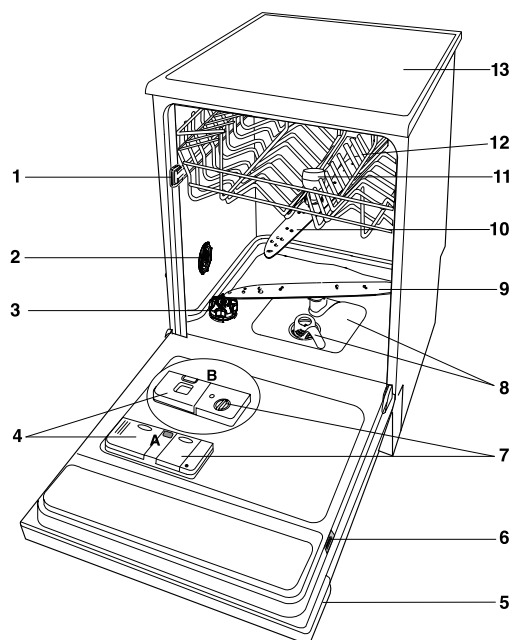
For the disposing of the appliance please take it to a recycling centre or to your dealer who will, for a small contribution to the costs, dispose it for you.

Economical and ecological dishwashing

- Ensure that the water softener is correctly adjusted.
- Do not pre-wash under running water.
- Select the wash programme to suit the nature and degree of the soiling on the dishes.
- Do not use more detergent, special salt and rinse aid than is recommended in these operating instructions and by the manufacturer of the respective product.

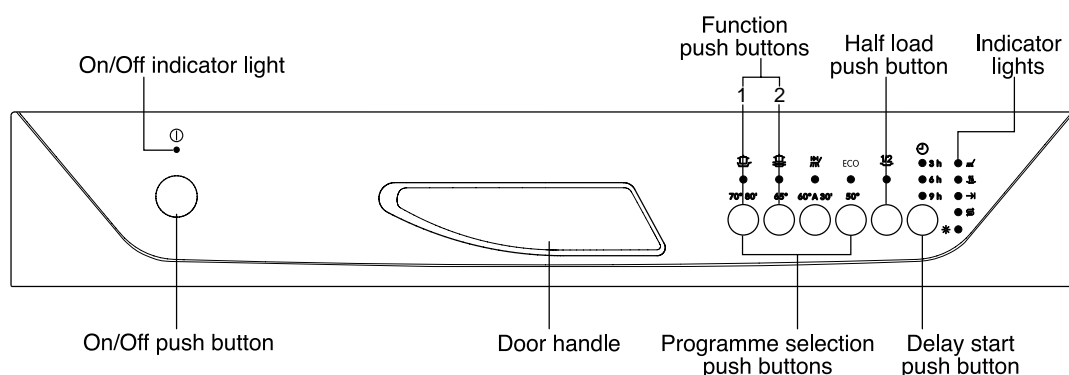
Description of the appliance

1. Upper basket stop
2. Water hardness switch
3. Salt container
4. Detergent dispenser (type A / type B)
5. Control panel
6. Rating plate
7. Rinse aid dispenser (type A / type B)
8. Filters
9. Lower spray arm
10. Upper spray arm
11. "WRD" detergent dispenser
12. Upper basket
13. Worktop



BN147

The control panel



Function push buttons: in addition to the dishwashing programme selected, the following functions can also be set with the help of these buttons.

Function push button 1	Set water softener
Function push button 2	Activate/deactivate rinse aid indicator light

"Half load push button": this option is useful and economical when only a few dishes need washing. The prewash phase is automatically excluded when this option is selected.

Remember to load both baskets. The corresponding indicator light will come on when the "half load" option is selected.

With the programme **"Quick 60° A 30"** the **"half load"** option is automatically deactivated.

"Delay start" push button: this option allows the start of the programme to be delayed by 3, 6 or 9 hours.

Indicator lights: have the following meanings:

	salt refilling indicator light, illuminates when the salt has run out
	rinse aid refilling indicator light, illuminates when the rinse aid has run out

The salt and rinse aid indicator lights are never illuminated while a washing programme is running even if filling with salt and rinse aid is necessary.

Phase indicator lights: have the following meanings:

	washing: illuminates when the washing phase is running
	drying: illuminates when the drying phase is running
	end of programme: illuminates when the washing programme has ended

As soon as you select a washing programme, the phase indicator lights for that programme will start flashing.

As the programme starts, the phase indicator lights turn off except for the indicator light of the phase in progress which will remain lit with a static light.

Prior to using for the first time

Before using your dishwasher for the first time:

1. Ensure that the electrical and water connections comply with the installation instructions
2. Remove all packaging from inside the appliance
3. Set the water softener
4. Pour 1 litre of water inside the salt container and then fill with salt
5. Fill the rinse aid dispenser

Setting the water softener

The dishwasher is equipped with a water softener designed to remove minerals and salts from the water supply, which would have a detrimental or adverse effect on the operation of the appliance.

The higher the content of these salts, the harder your water is.

Water hardness is measured in equivalent scales, German degrees, French degrees and PPM (parts per Million).

The softener should be adjusted according to the hardness of the water in your area. Your local Water Authority can advise you on the hardness of the water in your area.

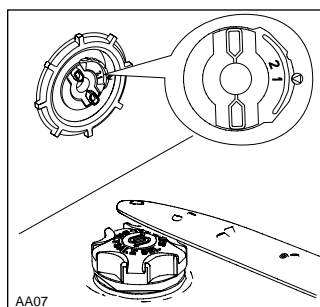
The water softener must be set in both ways: manually, using the water hardness switch and electronically, using the function push buttons on the control panel.

If your water is level 1 it is already soft and therefore there is no need to use salt.

Setting manually

1. Open the dishwasher door.
2. Remove the lower basket from the dishwasher.
3. Turn the water hardness switch to position 1 or 2 (see table).
4. Replace the lower basket.

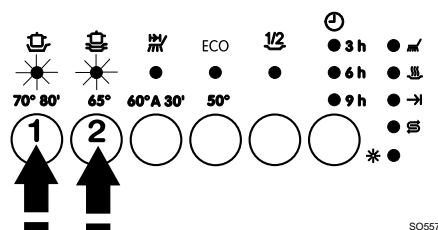
The dishwasher is factory set at position 2.



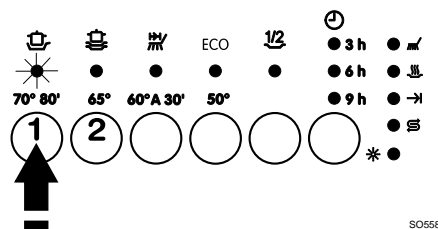
Setting electronically

The dishwasher is factory set at level 3. If it's necessary to set a new level, proceed as follows.

1. With the dishwasher switched off press function push buttons **1** and **2** simultaneously.
2. While keeping the push buttons **1** and **2** pressed switch on the dishwasher by pressing the On/Off push button. The On/Off indicator light comes on. At the same time, the indicator lights of push buttons **1** and **2** start flashing.



3. Press push button **1**, the indicator light of push button **2** turns off, while the indicator light of push button **1** remains fixed for about 5 seconds, after this it starts flashing indicating the current level of the water softener.



The current level is indicated by the number of flashes made by the indicator light of push button **1**, that alternates 5 seconds off with a number of flashes, this for about 60 seconds.

Example:

- 1 flash = level 1
- 2 flashes = level 2
- 3 flashes = level 3
- 4 flashes = level 4
- 5 flashes = level 5

4. To change the level, press push button **1**. Each time the push button is pressed the level changes.

Example:

- if the current level is 3, by pressing push button **1** once, level 4 is selected.
- if the current level is 5, by pressing push button **1** once, level 1 is selected.

The indicator light of push button **1** remains off for about 5 seconds after which it starts flashing indicating the new level selected.

5. To memorise the new level, switch off the dishwasher by pressing the On/Off push button.

Water hardness			Adjusting the water hardness setting		Number of flashes	Use of salt
°dH german degrees	°TH french degrees	PPM parts per million	manually	electronically		
41 - 50	71 - 90	701 - 900	2	level 5	5	yes
30 - 40	51 - 70	501 - 700	2	level 4	4	yes
19 - 29	31 - 50	301 - 500	2	level 3	3	yes
4 - 18	8 - 30	80 - 300	1	level 2	2	yes
< 4	< 8	< 80	1	level 1	1	no

Filling with salt

Special salt can be added in one of two ways:

- If you are using dishwasher detergent that already contains salt, the detergent including the salt is placed in the detergent compartment.
 - In this case the water softener must manually be set to 1 and electronically to 1 to ensure that the special salt is taken from the detergent container only.
- If you are using dishwasher detergent and salt separately, the special salt is to be put into the salt container.
 - In this case the water softener must manually be set to 1 or 2 and electronically between 1 and 5 (depending on the water hardness in your area) to ensure that the special salt is taken from the detergent container only.

Only use salt specifically designed for use in dishwashers.

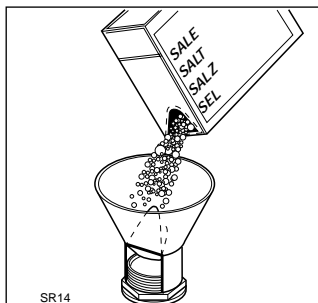
All other types of salt not specifically designed for use in a dishwasher, especially table salt, will damage the water softener.

Only fill with salt just before starting one of the washing programmes.

This will prevent any grains of salt or salty water, which may have been spilt, remaining on the bottom of the machine for any period of time, which may cause corrosion.

To fill:

1. Open the door, remove the lower basket and unscrew the cap of the salt container by turning it anticlockwise.
2. Pour 1 litre of water inside the container (**this is necessary only before filling with salt for the first time**).
3. Using the funnel provided, pour in the salt until the container is full.
4. Replace the cap making sure that there is no trace of salt on the screw thread or on the gasket.
5. Screw on the cap tightly turning it clockwise until it stops with a click.



The salt container will require topping up periodically. You are reminded of this by the salt indicator light on the control panel which comes on when the salt has finished.

Do not worry if water over flows from the unit when filling with salt, this is quite normal.

The salt indicator light on the control panel can remain illuminated for 2-6 hours after the salt has been replenished, assuming the dishwasher remains switched on. If you are using salts that take longer to dissolve then this can take longer. The function of the machine is not affected.

Rinse aid

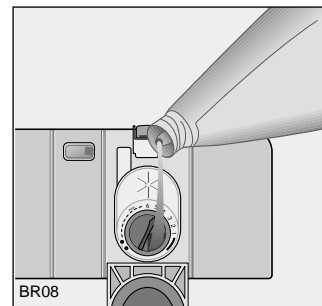
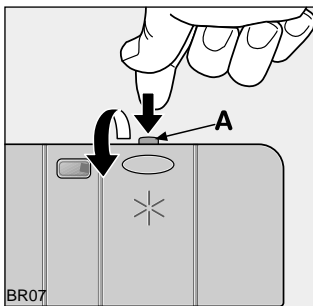
Rinse aid is automatically added during the last rinse, ensuring thorough rinsing, and spot and streak free drying. The dispenser, which is positioned inside the door, holds about 110 ml of rinse aid, which is sufficient for 16 - 40 dishwashing programmes, depending upon the dosage setting.

Rinse aid can be added in one of two ways:

- If you are using dishwasher detergent that already contains rinse aid, the detergent including the rinse aid is placed in the detergent compartment.
 - In this case the rinse aid compartment must be empty and the rinse aid indicator light deactivated. If in the rinse aid dispenser there is still rinse aid you must wait until it has finished before using detergent that contains rinse aid.
- If you are using dishwasher detergent and rinse aid separately, the rinse aid is to be put into the rinse aid dispenser.
 - In this case the rinse aid dosage must be set in position from 1 to 6 (see "Adjusting the dose") and the rinse aid indicator light activated.

Filling with rinse aid (Rinse aid dispenser type A)

1. Open the container by pressing the release button (A).
2. Fill with rinse aid exactly up to the level marked "MAX".



Ensure that the lid is closed after every refill.

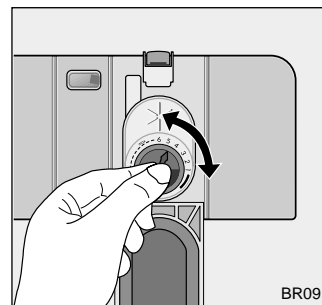
Adjusting the dose

According to the finish and drying results obtained, adjust the dose of rinse aid by means of the 6 position selector (position 1 minimum dosage, position 6 maximum dosage).

Increase the dose if there are drops of water or lime spots on the dishes after washing.

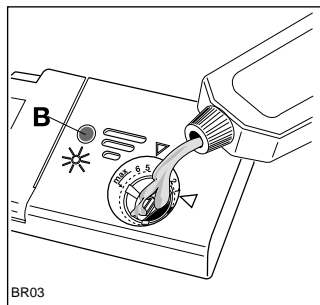
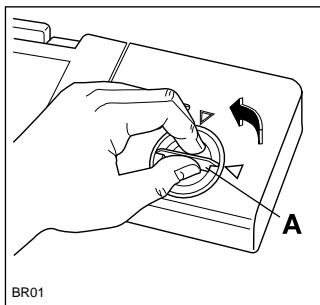
The dose is factory set in position 4.

Reduce it if there are sticky whitish streaks on the dishes.



Filling with rinse aid (Rinse aid dispenser type B)

1. Open the container by turning the lid (A) anticlockwise.
2. Add the rinse aid until the container is completely full. The indicator (B) will be completely dark.



Ensure that the lid is closed after every refill.

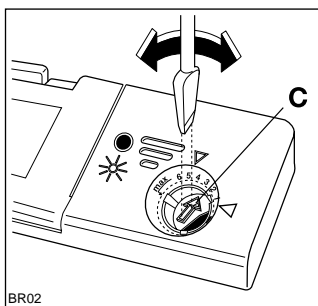
Adjusting the dose

According to the finish and drying results obtained, adjust the dose of rinse aid by means of the 6 position selector (C) (position 1 minimum dosage, position 6 maximum dosage).

Increase the dose if there are drops of water or lime spots on the dishes after washing.

The dose is factory set in position 5.

Reduce it if there are sticky whitish streaks on the dishes.



Clean up any rinse aid spilt during filling with an absorbent cloth to avoid excess foaming during the next wash.

Use only branded rinse aid for dishwashers. Never fill the rinse aid dispenser with any other substances (e.g. dishwasher cleaning agent, liquid detergent). This would damage the appliance.

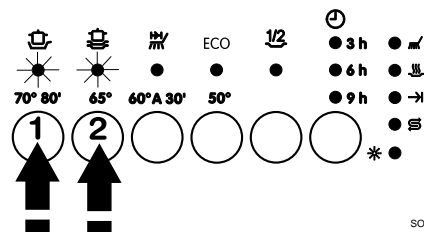
Top up the rinse aid when the rinse aid indicator light on the control panel illuminates.

It is possible to deactivate the rinse aid indicator light (see the following instructions).

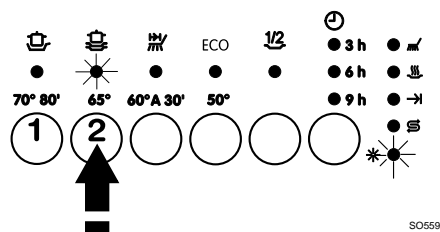
To deactivate the rinse aid indicator light proceed as follows:

(the dishwasher must be switched off)

1. Press function push buttons 1 and 2 simultaneously.
2. While keeping the function push buttons 1 and 2 pressed switch on the dishwasher by pressing the **On/Off** push button.
The **On/Off** indicator light comes on.
At the same time, the indicator lights of push buttons 1 and 2 start flashing.



3. Press function push button 2, the corresponding indicator light keeps flashing while the indicator light of push button 1 turns off. At the same time the **rinse aid** indicator light starts to flash.



4. Press push button 2 again, the **rinse aid** indicator light turns off, this means that the rinse aid indicator light has been deactivated.
5. To memorise the operation, switch off the dishwasher by pressing the **On/Off** push button.

To reactivate the rinse aid indicator light follow the same process until the **rinse aid** indicator light starts to flash.

In daily use

- Check if it's necessary to refill with special salt or rinse aid
- Load cutlery and dishes into the dishwasher.
- Fill with dishwasher detergent .
- Select a wash programme suitable for the cutlery and dishes.
- Start the wash programme.

Loading cutlery and dishes

Sponges, household cloths and any object that can absorb water may not be washed in the dishwasher.

- Before loading the dishes, you should:
 - Remove large left-overs.
 - Soften remnants of burnt food in pans

- When loading the dishes and cutlery, please note:
 - Dishes and cutlery must not impede the rotation of the spray arms .
 - Load hollow items such as cups, glasses, pans, etc. with the opening downwards so that water cannot collect in the container or a deep base.
 - Dishes and items of cutlery must not lie inside one another, or cover each other.
 - To avoid damage to glasses, they must not touch.
 - Lay small objects in the cutlery basket.

For washing in the dishwasher the following cutlery/dishes

are not suitable:

- Cutlery with wooden, horn, china or mother-of-pearl handles
- Plastic items that are not heat resistant
- Older cutlery with glued parts that is not temperature resistant
- Bonded cutlery items or dishes
- Pewter or copper items
- Lead crystal glass
- Steel items subject to rusting
- Wooden platters
- Items made from synthetic fibres

are of limited suitability:

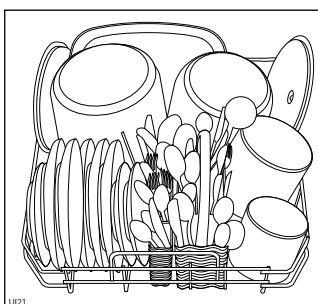
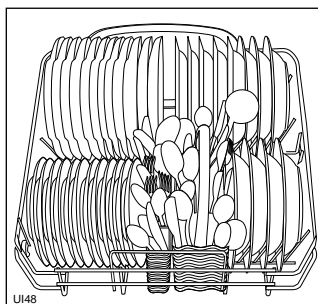
- Only wash stoneware in the dishwasher if it is specifically marked as being dishwasher-safe by the manufacturer.
- Glazed patterns may fade if machine washed frequently
- Silver and aluminium parts have a tendency to discolour during washing. Left-overs, e.g. egg white, egg yolk and mustard often cause discolouring and staining on silver. Therefore always clean left-overs from silver immediately, if it is not to be washed straight after use.
- Some types of glass can become dull after a large number of washes

Open the door and slide out the baskets to load the dishes.

The lower basket

The lower basket is designed to take saucepans, lids, plates, salad bowls, cutlery etc.

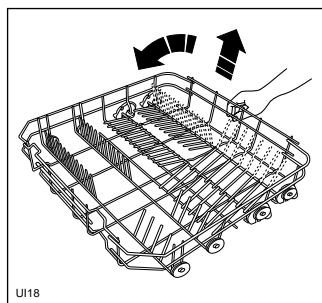
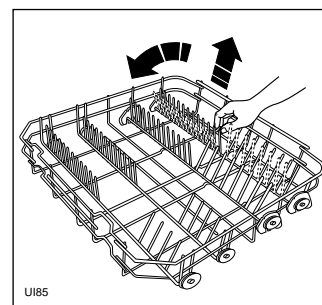
Serving dishes and large lids should be arranged around the edge of the basket, ensuring that the upper spray arm can turn freely.



The rows of prongs on the lower basket can be easily lowered to allow you to load pots, pans and bowls.

To lower the prongs:

- Slightly pull them upward and let them drop down (see picture).
- To bring them back to the standing position, just pull them up again.



The cutlery basket

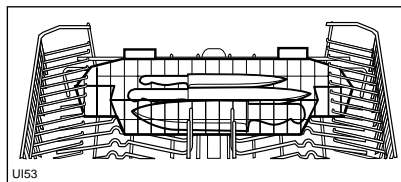
Long bladed knives stored in an upright position are a potential hazard.

Long and/or sharp items of cutlery such as carving knives must be positioned horizontally in the upper basket.

Take care when loading or unloading sharp items such as knives.

Removable knife basket

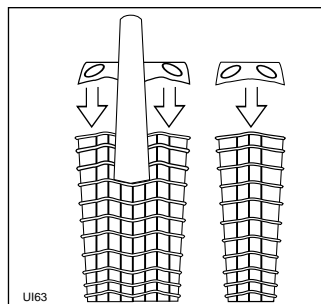
Long and/or sharp items of cutlery such as carving knives must be placed horizontally in the removable knife basket, which is positioned at the rear of the upper basket.



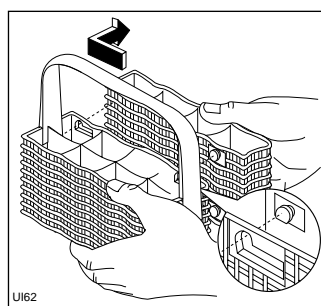
Cutlery should be placed in the removable cutlery basket with the handles facing downwards. If the handles protrude from the bottom of the basket, obstructing the lower spray arm, load the cutlery with the handles facing upwards.

Mix spoons with other cutlery to prevent them from sticking together.

For best results we recommend you to use the cutlery grids provided (if the size and dimensions of the cutlery allow it).



The cutlery basket is in two parts which can be separated to give greater loading flexibility. To separate the two parts, slide them horizontally in opposite directions and pull them apart. To reassemble, reverse the procedure.



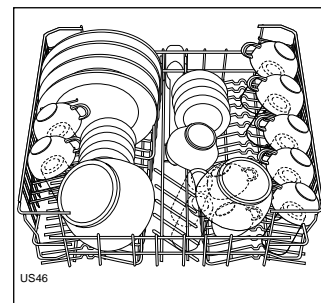
The upper basket

The upper basket is designed for plates (dessert plates, saucers, dinner plates of up to 25 cm in diameter), salad bowls, cups and glasses.

Arrange items on and underneath the cup racks so that water can reach all surfaces.

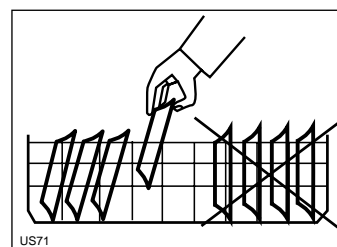
Glasses with long stems can be placed upside down in the cup racks.

Light items (plastic bowls etc.) must be loaded in the upper basket and arranged so they do not move.



In case that plates are loaded in the upper basket:

load them starting from the rear positions of the basket; tilting them slightly forwards and avoiding the front positions near the door.



Before closing the door, ensure that the spray arms can rotate freely.

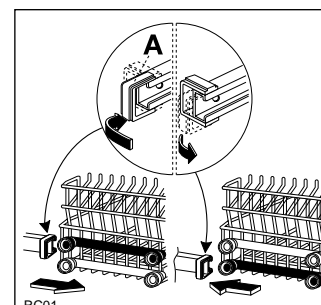
Adjusting the height of the upper basket

If washing very large plates you can load them in the lower basket after moving the upper basket to the higher position.

	Maximum height of the dishes in	
	upper basket	lower basket
With upper basket raised	20 cm	31 cm
With upper basket lowered	25 cm	27 cm

To move to the higher position proceed as follows:

1. Move the front runner stops (A) of the upper basket outwards and slide the basket out.
2. Refit the basket in the higher position and replace the stops (A) in their original position.



After loading your machine always close the door, as an open door can be a hazard.

Use of detergent

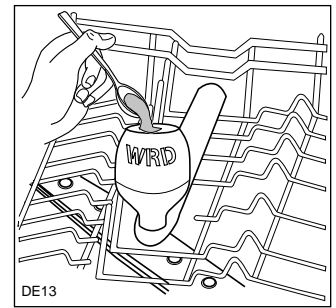
Only use detergents specifically designed for use in dishwashers.

Using no more then the correct amount of detergent contributes to reducing pollution.

Prior to the start of a wash programme. The detergent is released during the washing phase.

Please observe the manufacturer's dosing and storage recommendations as stated on the detergent packaging.

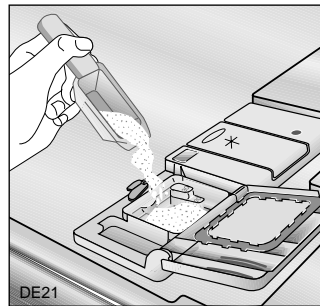
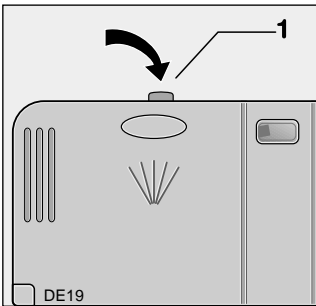
For all programmes with prewash, an additional detergent dose (5 g) must be placed into the WRD. This detergent will take effect during the prewash phase



Fill with detergent

(Detergent dispenser type A)

1. If the lid is closed: press release button (1). The lid springs open.
2. Fill the detergent dispenser with detergent. The marking indicates the dosing levels:
20 = approximately 20 ml of detergent
30 = approximately 30 ml of detergent

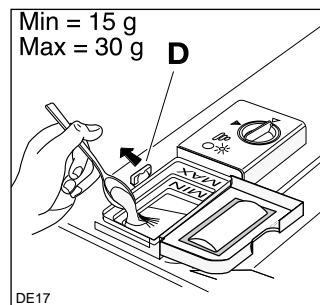


3. Close the lid and press until it locks in place.

Fill with detergent

(Detergent dispenser type B)

1. If the lid is closed: open the dispenser by pulling the catch (D). The lid springs open.
2. Fill the detergent dispenser with detergent. The marking indicates the dosing levels:
Min = approximately 15 g of detergent
Max = approximately 30 g of detergent



3. Close the lid and press until it locks in place.

Important!

If the "half load" option has been selected, remember that the prewash phase is automatically excluded. In this case do not pour detergent in the WRD, but only in the detergent dispenser.

Use of "3 in 1" combi detergent tablets

General advice

These products are tablets with combined detergent/rinse-aid and salt functions.

1. Before using these products you should first check that the water hardness in your supply is compatible with the use of these products as per the detergent manufacturers (on the product packaging).
2. These products should be strictly used according to the detergent manufacturers instructions.
Do not place the tablets in the tub or in the cutlery basket as this will result in poorer wash results. The tablets should be placed in the detergent dispenser.
3. If you encounter problems when using 3 in 1 products for the first time then please contact the detergent manufacturers care line (the telephone number is given on the product packaging).

Special advice

When using combination products, the rinse-aid and salt indicators are no longer useful. It may be helpful therefore to switch the rinse aid off - please note that only some dishwashers have this facility - and select the lowest possible setting for water hardness.

For more information please refer to the instruction manual.

If you decide to turn back to the use of the standard detergent system we advise that you:

- Refill both the salt container and rinse aid dispenser.
- Switch the water hardness setting to the highest possible position and run a normal washing programme without a load.
- Readjust the water hardness setting again according to the hardness of the water in your area.

Concentrated detergent

Based on their chemical composition, dishwasher detergents can be split into two basic types:







- conventional, alkaline detergents with caustic components.
- low alkaline concentrated detergents with natural enzymes.

The use of 50°C washing programmes in conjunction with concentrated detergents reduces pollution and is good for your dishes; these wash programmes are specially matched to the dirt-dissolving properties of the enzymes in the concentrated detergent. For this reason 50°C wash programmes in which concentrated detergents are used can achieve the same results that can otherwise only be achieved using 65°C programmes.

Detergent tablets

Detergent tablets of different brands dissolve at different speeds. For this reason some detergent tablets cannot develop their full cleaning power during short programmes. Therefore please use normal programmes with prewash when using detergent tablets.

Washing programmes

Programme	Degree of soil and type of load	Press the programme button	Cycle description	(3) Consumption values		
				Programme duration (in minutes)	Energy consumption (in kWh)	Water consumption (in litres)
Intensive 70° 80' 	Heavy soil. Crockery, cutlery, pots and pans	 70° 80'	Hot prewash Main wash up to 70°C 2 warm rinses 1 hot rinse Drying	83 - 93	1,8	20
Normal 65° 	Normal soil. Crockery and cutlery	 65°	Cold prewash Main wash up to 65°C 2 warm rinses 1 hot rinse Drying	95 - 105	1,7	20
(1) Quick 60° A 30' 	Fresh soil. Crockery and cutlery	 60° A 30'	Main wash up to 60°C 1 hot rinse	25 - 35	0,8	9
(2) Eco 50°	Normal soil. Crockery and cutlery	ECO 50°	Cold prewash Main wash up to 50°C 1 cold rinse 1 hot rinse Drying	149 - 159	1,05	16

- (1) Ideal for washing crockery and cutlery of breakfast and dinner (**fresh soil**). Characterised by a duration of about 30 minutes and a washing temperature of 60°C. The time value is approximate and depends on the pressure and the temperature of the water and also by the variations of the power supply. This is the perfect daily programme, made to meet the needs of a family of **4 persons** who only wish to load breakfast and dinner crockery and cutlery.
- (2) Testing programme for EN 50242 (see "Hints for Test Centres"). This programme, developed for the use of detergents with enzymes, allows to achieve, with reduced consumption of energy the same cleaning results that would otherwise be obtained only with the 65°C programmes and conventional detergents. To compensate the lower temperature, the duration of the programme has been extended.
- (3) The consumption values are intended as a guide and depends on the pressure and the temperature of the water and also by the variations of the power supply.

Starting a washing programme

1. **Check that the baskets have been loaded correctly and that the spray arms can rotate freely**

2. **Turn on the water tap**

3. **Close the dishwasher door**

4. **Press the On/Off push button**

The On/Off indicator light will come on.

5. **Setting and starting the programme**

Press the push button corresponding to the required programme (see "Washing programmes" chart).

The indicator light corresponding to the programme illuminates and the phase indicator lights foreseen for that programme start flashing.

It is possible to change the programme selection simply pressing the push button of another programme within 6 seconds.

Once the programme has started the phase indicator lights will turn off except for the phase under way.

6. **Interrupting/cancelling a washing programme**

Change or interrupt a washing programme in progress ONLY if it's absolutely necessary

To interrupt a washing programme

Attention! Hot steam may escape when the door is opened. There is risk of scalding. Open the door carefully.

- Open the dishwasher door; the programme will stop. Close the door; the programme will start from the point in which it was interrupted.
- pressing the On/Off (in this case all the indicator lights turn off). Press the On/Off push button again; the programme will start from the point in which it was interrupted.

To cancel a washing programme

A programme in progress can be cancelled at any time. Press for about 3 seconds the push button of the running programme until all indicator lights are off. Only the On/Off indicator light will remain illuminated. It is now possible to select a new washing programme.

7. **Setting/cancelling the "Delay start"**

The setting of the delay start occurs before selecting the programme.

Setting the "Delay start"

Press the "delay start" push button until the indicator light corresponding to the chosen hours flashes (3, 6 or 9 hours).

Press the push button corresponding to the required washing programme; the indicator light corresponding to the programme illuminates and the phase indicator lights for that programme start flashing.

From the moment that the washing programme has been set, the delay start will begin with the countdown.

The countdown will decrease with step of 3 hours.

During the countdown, the indicator light of the selected programme and the indicator light of the number of hours to the start of the programme will remain illuminated.

Once the delay start has elapsed the programme will start automatically, the indicator lights for delay start turn off and the indicator light of the phase underway illuminates.

Cancelling the "delay start"

It is possible to cancel a countdown in progress or before it starts, simply pressing the delay start push button until the indicator lights corresponding to the delay start hours are off.

In this case the selected washing programme will start automatically after 6 seconds.

8. **End of the washing programme**

The dishwasher will automatically stop and the **end of programme** phase indicator light will illuminate.

The indicator light of the programme just ended will remain on.

The dishwasher has finished the programme only when the **end of programme** indicator light is illuminated.

If you do not wait for the end of the programme it will not be possible to start a new programme until the previous programme has been cancelled.

(For instructions on how to cancel a programme see the corresponding instructions).

If during the drying phase (**drying** indicator light illuminated) the dishwasher door is opened or the On/Off push button is pressed, the running programme is automatically cancelled and the machine returns to setting mode (in this case it is possible to select a new programme without cancelling the previous)

Switch off the dishwasher by pressing the On/Off push button, the On/Off indicator light turns off.

Hot steam may escape from the appliance when opening the door immediately after the end of the programme, therefore, **open the door carefully**.

Unloading the dishwasher

Hot dishes are sensitive to knocks. The dishes should therefore be allowed to cool down before removing from the appliance.

Leave the dishes in the dishwasher for approx. 15 minutes, with the door ajar, after the end of programme so that they dry better and will be cooler.

Empty the lower basket first and then the upper one; this will avoid water dripping from the upper basket onto the dishes in the lower one.

When the washing programme has finished, it is recommended that the dishwasher is unplugged and the water tap turned off.

Maintenance and cleaning

Clean the external surfaces of the machine and control panel with a damp soft cloth. If necessary use only neutral detergents. Never use abrasive products, scouring pads or solvent (acetone, trichloroethylene etc....).

Ensure that the seals around the door, the detergent and rinse aid dispensers are cleaned regularly with a damp cloth.

We recommend every 3 months to run a 65°C wash programme without dishes using detergent.

Cleaning the filters

The filters in the base of the washing compartment are to large extent self-cleaning. Nevertheless the filters should be checked and cleaned from time to time. Dirty filters will degrade the washing result.

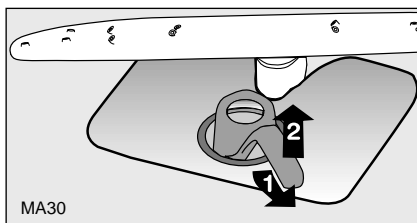
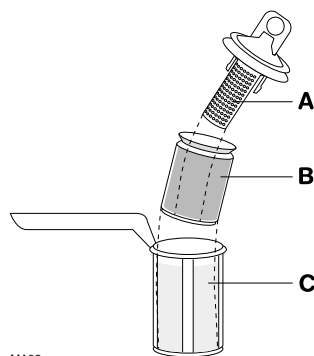
1. Open the door, remove the lower basket.

2. The dishwasher filter system comprises a coarse/fine filter (A/B), a microfilter (C) and a flat filter (D).

Unlock the filter system using the handle on the microfilter, and remove.

3. Turn the handle about $\frac{1}{4}$ a turn anticlockwise and remove.

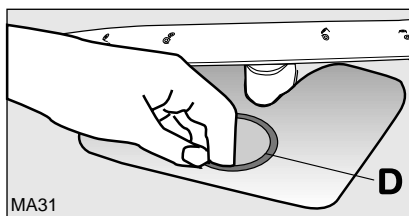
4. Take hold of the coarse/fine filter (A/B) by the handle with the hole and remove from the microfilter (C).



5. Clean all filters thoroughly under running water.

6. Remove the flat filter (D) from the base of the washing compartment and clean both faces thoroughly.

7. Put the flat filter back in the base of the washing compartment.



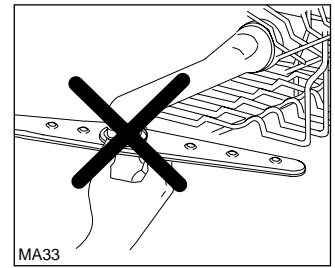
8. Place the coarse/fine filter in the microfilter and press together.

9. Put the filter combination in place and lock by turning the handle clockwise to the stop. During this process ensure that the flat filter does not protrude above the base of the washing compartment.

Under no circumstances may the dishwasher be used without filters.

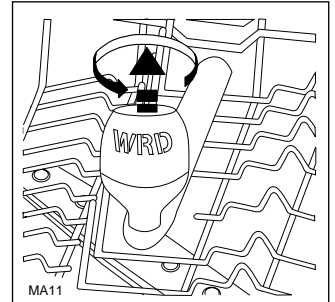
To ensure a correct working of the dishwasher, NEVER try to remove the upper spray arm.

If residues of soil have clogged the holes in the upper spray arm, remove them with a toothpick.



Check that the WRD is not clogged with detergent residue. If necessary rinse it under running water after having removed it from the basket by twisting it anticlockwise and pulling it upwards.

Never use your dishwasher without the WRD dispenser. Since WRD also ensures correct distribution of the water to the upper spray arm, running the dishwasher without it will impair the washing results.



Prolonged periods of non-operation

If you are not using the machine for any period of time you are advised to:

1. Unplug the appliance and then turn off the water.
2. Fill the rinse aid dispenser.
3. Leave the door ajar to prevent the formation of any unpleasant smells.
4. Leave the inside of the machine clean.

Frost precautions

Avoid placing the machine in a location where the temperature is below 0°C. If this is unavoidable, empty the machine, close the appliance door, disconnect the water inlet pipe and empty it.

Moving the machine

If you have to move the machine (moving house etc....):

1. Unplug it.
 2. Turn the water tap off.
 3. Remove the water inlet and discharge hoses.
 4. Pull the machine out together with the hoses.
- Avoid over tilting the machine during transportation.

What to do, when...

Certain problems are due to the lack of simple maintenance or oversights, which can be solved with the help of the instructions given here, without calling out an engineer.

...a flashing fault code appears

The dishwasher will not start or stops during operation. All push buttons are inoperative except for the On/Off push button and a combination of indicator lights, as indicated in the following chart, are flashing. Press the On/Off push button to switch the dishwasher off and carry out the following suggested corrective actions.

Fault code / malfunction	Possible cause	Solutions
Indicator lights of the programme in progress and "washing" phase are flashing. The machine does not fill with water.	The water tap is blocked or furred with limescale.	Clean the water tap.
	The water tap is turned off.	Turn the water tap on.
	The filter (where present) in the threaded hose fitting at the water inlet valve is blocked.	Clean the filter in the threaded hose fitting.
	The water inlet hose has not been correctly laid or it is bent or squashed.	Check the water inlet hose connection.
Indicator lights of the programme in progress and "drying" phase are flashing. The dishwasher will not drain.	The siphon is blocked.	Clean out the siphon.
	The water drain hose has not been correctly laid or it is bent or squashed.	Check the water drain hose connection.
Indicator lights of the programme in progress and "drying" and "washing" phases are flashing.	Protection against flooding is active.	Close the water tap and contact the consumer services department.

Once the checks have been carried out, press the On/Off push button, the programme will continue from the point in which it was interrupted. If the fault code reappears contact the consumer services department.

For other combinations of fault codes not described in the above chart will appear, please contact your consumer services department.

...there are problems when operating the dishwasher

Fault	Possible cause	Solutions
The programme does not start	The dishwasher door has not been properly closed.	Close the door.
	The main plug is not plugged in.	Insert the mains plug.
	The fuse has blown in the household fuse box.	Replace the fuse.
	For dishwasher models with delay start option: Delay start has been selected.	If dishes are to be washed immediately, for appliances - with multi-display, set the delay start to 0 - without multi-display, cancel the delay start.
There is a whistling noise during washing	The whistling is not a cause for concern.	Use a different brand of detergent.

...the wash results are not satisfactory

The dishes are not clean

- The wrong washing programme has been selected.
- The dishes were arranged in such a way as to stop water reaching all parts of the surface. The baskets must not be overloaded.
- The spray arms do not rotate freely due to wrong arrangement of the load.
- The filters in the base of the washing compartment are dirty or incorrectly positioned.
- Too little or no detergent has been used.
- Where there are limescales deposits on the dishes; the salt container is empty or the wrong level of the water softener has been selected.
- The drain hose connection is not correct.
- The salt container cap is not properly closed.

The dishes are wet and dull

- Rinse aid was not used.
- The rinse aid dispenser is empty.

There are streaks, milky spots or a bluish coating on glasses and dishes

- Decrease rinse aid dosing.

Water drops have dried onto glasses and dishes

- Increase rinse aid dosing.
- The detergent may be the cause. Contact the detergent manufacturer's consumer care line.

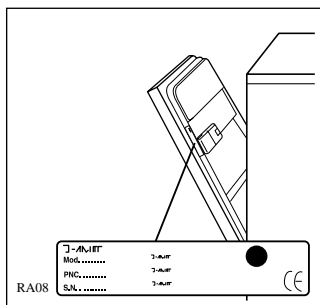
If after all these checks, the problem persists, contact your local consumer services department, quoting the model (Mod.), product number (PNC) and serial number (S.N.). This information can be found on the rating plate located on the right hand side of the dishwasher door (see picture).

So that you always have these numbers at hand, we recommend you to make a note of them here:

Mod. :

PNC :

S.N. :



Service and spare parts

This product should be serviced by an authorised service engineer, and only genuine spare parts should be used. Under no circumstances should you attempt to repair the machine yourself.

Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact your local consumer services department.

Always insist on genuine spare parts.

Installation instructions

Any electrical and/or plumbing work required to install this appliance should be carried out by a qualified electrician and/or plumber or competent person.

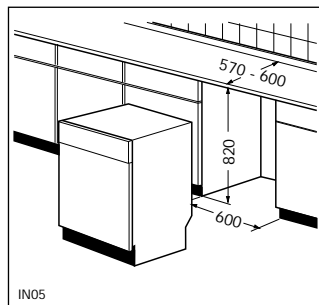
Remove all packaging before positioning the machine.

If possible, position the machine next to a water tap and a drain.

Fitting under a counter

(kitchen worktop or sink)

By removing the machine's worktop, you can install it under a close fitting sink unit or a pre-existing top, providing the dimensions of the recess correspond to those shown in the picture.



Proceed as follows:

Remove the machine's worktop by unscrewing the two rear retaining screws, pull from the front and slide out the rear slots, lifting the worktop.

Insert the machine after adjusting height and levelling with the adjustable feet. When inserting the machine, ensure that the water inlet and drain hoses are not kinked or squashed.

If the dishwasher is later used as a free-standing appliance, the original worktop must be re-mounted.

The plinth on free-standing appliances is not adjustable.

Levelling

Good levelling is essential for correct closure and sealing of the door.

When the appliance is correctly levelled, the door will not catch on either side of the cabinet.

If the door does not close correctly, loosen or tighten the adjustable feet until the machine is perfectly level.

Water supply connections

This dishwasher may be fed with either hot (max. 50°) or cold water. Nevertheless we advise you a cold water supply. A hot water supply is not always efficient with very soiled crockery as it shortens the washing programmes a lot.

The dishwasher must not be connected to open hot water appliances or instantaneous water heaters.

The dishwasher is fitted with safety devices that prevent the wash water returning into the drinking water system and comply with the applicable plumbing regulations.

The water pressure must be within the limits given in the technical specifications. Your local Water Authority will advise you on the average mains pressure in your area.

The dishwasher features fill and drain hoses which can be turned either to the left or the right to suit the installation.

The water inlet hose must not be kinked, crushed, or entangled when it is being connected up.

Do not use, for connection, old hoses which have been used in another appliance.

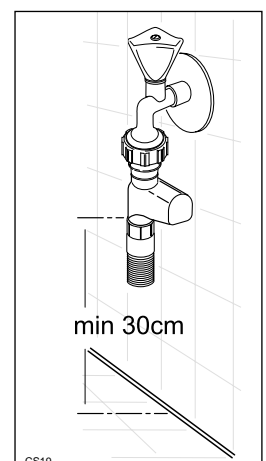
If the machine is connected to new pipes or pipes which have not been used for a long time, you should run the water for a few minutes before connecting the inlet hose.

Water inlet hose with safety valve

After connecting the double-walled water inlet hose, the safety valve is next to the tap. Therefore the water inlet hose is only under pressure while the water is running. If the water inlet hose starts to leak during this operation, the safety valve cuts off the running water.

Please take care when installing the water inlet hose:

- The distance between the bottom edge of the safety valve and the floor on which the dishwasher is standing must be at least 30 cm:
- The electrical cable for the safety valve is in the double-walled water inlet hose. Do not immerse the water inlet hose or the safety valve in water.
- If water inlet hose or the safety valve is damaged, remove the mains plug immediately.
- A water inlet hose with safety valve must only be replaced by a specialist or by the consumer services department.
- Place the water inlet hose in such a way that it is never higher than the bottom edge of the safety valve.



Water outlet hose connection

The end of the drain hose can be connected in the following ways:

1. To the sink outlet spigot, securing it if necessary with a clip.
2. Hooked over the edge of the sink using the special curved plastic guide provided.
3. To a stand pipe provided with vent-hole, minimum internal diameter 4 cm.

The waste connection must be at a height of between 30 cm (minimum) and 100 cm (maximum) from the bottom of the dishwasher.

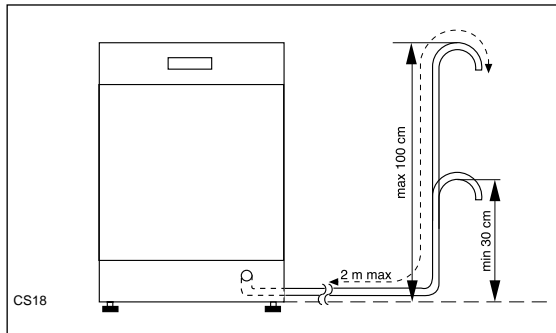
The drain hose can face either to the right or left of the dishwasher

Ensure the hose is not bent or squashed as this could prevent or slow down the discharge of water.

The sink plug must not be in place when the machine is draining as this could cause the water to siphon back into the machine.

If you use a drain hose extension it must be no longer than 2 metres and its internal diameter must be no smaller than the diameter of the hose provided.

Likewise the internal diameter of the couplings used for connections to the waste outlet must be no smaller than the diameter of the hose provided.



Attention!

Our appliances are supplied with a security device to protect against the return of dirty water back into the machine.

If the spigot of your sink has a "no return valve" incorporated this can prevent the correct draining of your dishwasher.

We advise you therefore to remove it.

Electrical connection

Information concerning the electrical connection is given on the rating plate on the edge of the dishwasher's door on the right.

Before plugging the appliance into the wall socket, make sure that:

1. The mains voltage and current rating at the site of installation match the nominal voltage and current rating given on the rating plate.
2. The meter, fuses, mains power supply and wall socket can all take the maximum load required. Make sure that the socket and plug are compatible without having to use any type of adaptor. If necessary, have the domestic wiring system socket replaced.

To isolate the dishwasher from mains, remove the mains plug.

Important!

The plug must still be accessible after the appliance has been installed.

In case that the electrical cable has to be replaced, please contact your local consumer services department.

Safety standards require the appliance to be earthed. The manufacture accepts no liability for failure to observe the above safety precautions.

Hints for test centres

Testing in accordance with **EN 60704** must be carried out with appliance fully loaded and using the test programme (see "Washing programmes" chart).

Test in accordance with **EN 50242** must be carried out when the salt dispenser and rinse aid container have been filled with salt and rinse aid respectively and using the test programme (see "Washing programmes" chart).

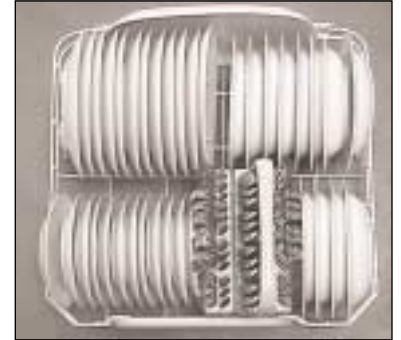
Load:	12 standard place settings
Rinse aid setting Rinse aid dispenser (type A): Rinse aid dispenser (type B):	position 4 (Type III) position 5 (Type III)
Detergent dosage :	5 g + 25 g (Type B)



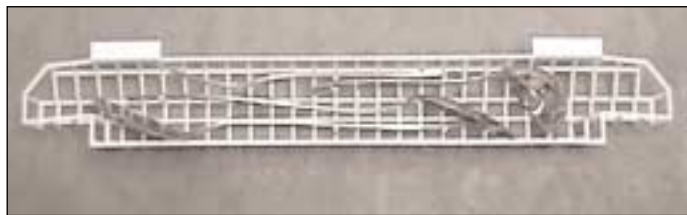
Arrangement upper basket



Arrangement cutlery basket



Arrangement lower basket



Arrangement cutlery basket



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